Recombinant Full Length Human GRIA3 Protein, GST-tagged

Cat. No. GRIA3-5622HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GRIA3 full-length ORF (NP_871623.1, 1 a.a. - 144 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	144 amino acids
Description	Glutamate receptors are the predominant excitatory neurotransmitter receptors in the mammalian brain and are activated in a variety of normal neurophysiologic processe s. These receptors are heteromeric protein complexes composed of multiple subunits, arranged to form ligand-gated ion channels. The classification of glutamate receptors is based on their activation by different pharmacologic agonists. The subunit encoded by this gene belongs to a family of AMPA (alpha-amino-3-hydroxy-5-methyl-4-isoxazo le propionate)-sensitive glutamate receptors, and is subject to RNA editing (AGA->G GA; R->G). Alternative splicing at this locus results in different isoforms, which may v ary in their signal transduction properties. [provided by RefSeq
Molecular Mass	42.5 kDa
AA Sequence	MARQKKMGQSVLRAVFFLVLGLLGHSHGGFPNTISIGGLFMRNTVQEHSAFRFAVQ LYNTNQNTTEKPFHLNYHVDHLDSSNSFSVTNACPAERDYLPWPGSIRENNWTALP CCKDHGLLHLKCSPGGARQNWAYCIWGVTGEL

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	GRIA3 glutamate receptor, ionotropic, AMPA 3 [Homo sapiens]
Official Symbol	GRIA3
Synonyms	GRIA3; glutamate receptor, ionotropic, AMPA 3; GLUR3, glutamate receptor, ionotrophic, AMPA 3; glutamate receptor 3; GluA3; GLURC; MRX94; gluR-3; dJ1171F9.1; glutamate receptor C; glutamate receptor subunit 3; AMPA-selective glutamate receptor 3; glutamate receptor, ionotrophic, AMPA 3; GLUR3; GLUR-C; GLUR-K3;
Gene ID	2892
mRNA Refseq	NM_000828
Protein Refseq	NP_000819
MIM	305915

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UniProt ID	P42263

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